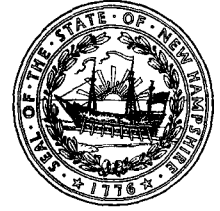




The State of New Hampshire
Department of Environmental Services



Michael P. Nolin
Commissioner

March 23, 2004
Letter of Deficiency
DSP#04-019

Mr. Gerald Levesque
149 Dutton Avenue
Lyndeborough, NH 03082

RE: Curtis Brook Dam #147.13, Lyndeborough

Dear Mr. Levesque:

The Department of Environmental Services, Dam Bureau (DES) consistently strives to enhance the safety of dams in New Hampshire through its dam safety program. One of the many instruments that play a part in reaching this goal is our inspection program. DES is forwarding this correspondence to you to advise you that in accordance with RSA 482:12 and Env-Wr 502.02, an inspection of the subject dam was conducted on September 30, 2003. During this visual inspection and/or file review, the following deficiencies were observed:

1. The spillway was covered in debris raising the impoundment approximately 8 inches;
2. There was minor brush located at the left dam abutment and toe;
3. There is no operation and maintenance plan (O&M) on file with the DES; and
4. The dam does not have sufficient discharge capacity to pass the 50 year event with 1 foot of freeboard. However, given the configuration of the dam and local topography the dam can likely withstand frequent overtopping with very little to no adverse affects to the structure. The O&M plan should specifically identify items to inspect during overtopping events to monitor for any damage.

DES believes that the above deficiencies can be corrected by performing the following items by the indicated schedule:

July 1, 2004:

1. Remove the debris from the spillway;
2. Remove the minor brush located at the left end of the dam; and
3. Prepare and submit to the DES a written operational procedure plan. The plan should describe the control of impoundment levels, monitoring and maintenance procedures, and identify emergency contact personnel. Enclosed are guidelines and an example plan.

DES is requesting that you complete and submit the attached "Intent to Complete Repairs" form, within 30 days of receipt of this letter, that will provide for correction of the identified deficiencies by the date(s) indicated above. Please call or write to our office if the repairs are completed ahead of the aforementioned schedule so that DES may schedule a follow-up inspection. Unless notified otherwise, DES will conduct the follow-up inspection on or after the date(s) indicated above. If you believe changes

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to the items of work or dates are necessary, please make the changes directly on the form and provide a brief explanation. We have enclosed a self addressed stamped envelope for you to return this form.

Our intent in sending you this correspondence is to make you aware of items that DES believes warrant your attention to insure the continued safe operation of your dam. It is our hope that, through the submittal of the attached form and a commitment to keeping a well-maintained dam, you will voluntarily comply with the requested items of work. If we do not receive the intent form or a similarly adequate written reply, we will assume that you are in agreement with our findings and recommendations and DES will carry out follow-up inspections accordingly.

If you have any questions or comments regarding this Letter of Deficiency or would like to be present at future inspections, please contact me at 271-3406, or write to the Water Division at the address listed on the bottom of the previous page.

Sincerely,

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Jeffrey M. Blaney, P.E.
Dam Safety Engineer

Attachments Guideline for an O&M plan, DB8, DB13, Sketch Illustrating Debris/Brush

cc: Gretchen Rule ✓

Town of Lyndeborough

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